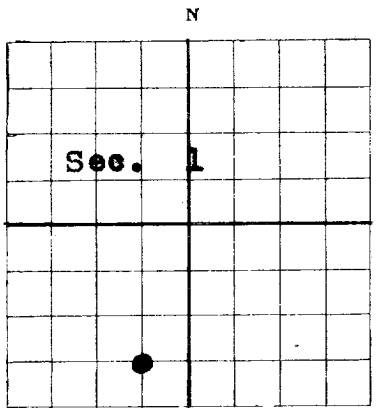
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

Amerada Petroleum Corporation, Box 2040, Tulsa, Okla.
Company or Operator — Address

State-IA Lease — Well No. 1 in center of SE¼ of SW¼ Sec. 1, T. 17 S

R. 36 E, N. M. P. M., South Lovington Field, Lea County.

Well is 4620 feet south of the North line and 3300 feet west of the East line of Section 1 - 17S. - 36E

If State land the oil and gas lease is No. 739 Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

The Lessee is Amerada Petroleum Corporation, Address Box 2040, Tulsa, Okla.

Drilling commenced November 28, 19 38 Drilling was completed January 17, 19 39

Name of drilling contractor M.J.Delaney, Inc., Address Dallas, Texas.

Elevation above sea level at top of casing 3818 feet.

The information given is to be kept confidential until No request 19

OIL SANDS OR ZONES

No. 1, from 4664 to 4772 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 110' to 135' feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13	50	8	S.H.	281'	TP.				Surface Csg.
9-5/8	40	8	New	2983'	Baker				Salt string.
7-5/8"	26	8	New	3454'	"				Yates gas string.
5-1/2"	17	8	New	4624'	"				Oil string.
2" Thg.	4.6	10	"	4727'	open end.				Prod. string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	13	281'	300	Halliburton	9#per gal.	Hole was full. 225 sacks
12¼"	9-5/8"	2983'	500	"	10#	"
8-3/4"	7-5/8"	3454'	50	"	12.5#	"
8-3/4"	5½"	4624'	55	"	12.5#	"

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton acid.	1000 Gal.	1-18-39	Below packer on tubing	at 4605'
		Do	2000 "	1.18-39	Do	

Results of shooting or chemical treatment Before acid treating well swabbed 2½ Bbls. oil per hour. After first treatment swabbed 8 Bbls. per hour. After second treatment well flowed at rate of 594 Bbls. oil per day thru 2" open tubing with gas estimated at 200M Cu. ft. per day.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 4815 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing January 17, 19 39 Swabbed.

The production of the first 24 hours was at rate of 594 bbls of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 37.1

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 300# tubing pressure.

EMPLOYEES

D.E.Spoonts, Driller M.L.Jones, Driller

W.E.Smith, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 20 day of January 1939

Notary Public

Place Date

Name J E Lowe

Position Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	85'	85'	Caliche and sand.
85	110'	25'	Shale
110'	210'	100'	Soft sand
210'	250'	40'	Medium hard sand.
250'	290'	40'	Red shale Top of red bed - 253'
290'	325'	35'	Red beds.
325'	470'	145'	Blue shale, red rock and hard sand shells.
470'	1240'	770'	Red bed and hard shells
1240'	1592'	352'	Red rock, shale and shells.
1592'	1648'	56'	Sand rock and shale.
1648'	1698'	50'	Red rock.
1698'	1750'	52'	Red rock, gypsum and blue shale.
1750'	1878'	128'	Red rock and shells.
1878'	1979'	101'	Anhydrite. Top of Anhydrite - 1878'
1979'	1988'	9'	Shale.
1988'	1991'	3'	Anhydrite.
1991'	2087'	96'	Broken red rock and shale.
2087'	2110'	23'	Salt, potash and red beds.
2110'	2122'	12'	Anhydrite.
2122'	2260'	38'	Red bed, salt, potash, Anhydrite and shale.
2260'	2465'	205'	Broken salt, anhydrite and shale.
2465'	2831'	366'	Broken salt and anhydrite.
2831'	2934'	103'	Anhydrite, salt, potash and red beds.
2934'	3015'	81'	Anhydrite. Base of salt - 2840'
3015'	3110'	95'	Broken sand, red beds and anhydrite.
3110'	3175'	65'	Anhydrite and red bed.
3175'	3195'	20'	Brown lime and anhydrite.
3195'	3211'	16'	Anhydrite and lime.
3211'	3287'	76'	Anhydrite and lime.
3287'	3556'	269'	Anhydrite.
3556'	3766'	210'	Anhydrite, gypsum and streaks of shale.
3766'	3905'	139'	Anhydrite and gypsum.
3905'	3921'	16'	Sand. Good show of gas at 3911'. Mixed mud to weigh 12.5# per gal.
3921'	4304'	383'	Anhydrite and streaks of gypsum.
4304'	4333'	29'	Anhydrite and blue shale.
4333'	4393'	60'	Anhydrite.
4393'	4413'	20'	Anhydrite and gypsum.
4413'	4472'	59'	Brown lime and anhydrite.
4472'	4494'	22'	Lime and streaks of anhydrite.
4494'	4544'	50'	Lime.
4544'	4537'	- 7'	Steel line correction.
4537'	4585'	48'	Lime.
4585'	4598'	13'	Lime and anhydrite.
4598'	4694'	96'	Lime.
4694'	4774'	80'	Lime showing oil. Top of pay 4764'
4774'	4783'	9'	Lime.
4783'	4788'	5'	Sand.
4788'	4815'	27'	Hard gray lime.